

The Influence of Temperature on the Weakening of
Metal Alloys, by I. I. Komilov, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVI,
MEXIX No 5, 1956, p 845-847.

44,503

Consultants Bureau

XXIX Sci - Chemistry
Dec 56 CTS

Butcher 3773
1190

Mobility of Sulfur in Organothiophosphorus
Compounds; Trialkylthiophosphates and
Dialkylthiophosphates, by G. F. Miklukhin,
L. V. Sulim, T. A. Mastryukova and M. I.
Shchekhin, 4 pp.

Full tr

RUSSIAN, thrice-a-year, Dok Ak Nauk SSSR,
Vol CVI, No 5, 1976, p 688.

41,504 Consultants Bureau

Sci - Chemistry
Dec 56 CIB

Revised R 2483
6(6.40) -

TT-64-10198

Deryagin, B. V. and Dukhin, S. S.
ON THE MOTION OF AEROSOL PARTICLES IN A
DIFFUSION FIELD (O Dvizhenii Aerozol'nykh
Chastits v Pole Diffuzii). [1963] 9p 11 refs
Order from OTS, SLA, or ETC \$1.10 TT-64-10198

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1956,
v. 106 [no. 5] p. 851-854. (Abstract available)
Another trans. is available from LC or SLA
n.i \$2.40, ph \$3.30 as TT-61-15731, RTS-1742,
Feb 61 [12p].

DESCRIPTORS: *Aerosols, Particles, Diffusion,
Motion, Evaporation, Condensation

The forces acting on a drop in a homogeneous field are
studied to clarify droplet behavior near surfaces at
which evaporation or condensation occurs. A first
approximation of a theory is mathematically derived.
(Physics, TT, v. 11, no. 11) (over)

I. Deryagin, B. V.
II. Dukhin, S. S.

JPLC/07-1-122

Office of Technical Services

Electronic Phenomena in a Semiconducting
Catalyst. An Investigation of the Effect of
Impurities Dissolved in the Lattice of Nickelous
Oxide on Its Catalytic Activity, by N. P. Keyer et al,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI, :
No 5, pp 859-861, 1956. 907612

Assoc Tech Sv
Tr No RJ-507
\$5.80 (\$1.40)

61-17354

46,774

Sci - Chemistry
Apr 1957 CTB/dax

Kinetics of Multistage Separation Processes for Binary Mixtures. The Rate of Approach to Steady State Conditions, by S. I. Babkov and ~~Gerr. Fellow~~ Acad. Sci. USSR, N. N. Zhavoronkov, 5 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVI, No 5, ~~INDEX~~ p 677.

1956

Consultants Bureau

41, 451

Sci - Chemistry
Doc 56 CTS

Babkov, S. I. and Yavoronkov, N. M.
CINÉTIQUE DE LA SÉPARATION DES MÉLANGES
BINAIRES, RÉALISÉE A L'AIDE DES COLONNES A
ÉCHELLES MULTIPLES: VITESSE DE MIGRATION
VERS L'ÉTAT STATIONNAIRE, tr. by
de Trevinsky. 21 June 60 [11]p. 7 refs. CEA Trans.
no. R 946 (text in French).
Order from OTS or SLA \$1.60 61-23733

Trans. in French of Akad[emiya] Nauk SSSR.
Dokl[ady] 1956, v. 106, no. 5, p. 877-880.

DESCRIPTORS: *Fractionation, *Mixtures, Sepa-
ration, *Distilling plants.

(Engineering--Chemical, TT, v. 6, no. 6)

61-23733

- I. Babkov, S. I.
- II. Yavoronkov, N. M.
- III. CEA-tr-R946
- IV. Commissariat à
l'Energie Atomique
(France)

176866

Office of Technical Services

On the Coefficient Problem for p-Valent Functions, by
S. A. Gel'fer.

RUSSIAN, per, Dokl Akad Nauk SSSR, Vol CVI, 1956,
pp 955-958.

Amor Math Soc

Sci - Math & Data Pro
Sept 63

344,238

Effect of Boron on Cereals when there is insufficient Moisture in the Soil at the Critical Period of their Development, by V. G. Rozhkova, F. D. Skazkin.

RUSSIAN, per, Dokl Akad Nauk, No 100, 1956,
pp 4-962 - (2)
GB/25

Sci -

Aug 67

335,148

The Relations Between Cross Sections for Multiple
Pion Production, by N. V. Dushin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 6, pp 977-~~78~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Ioffe, A.F., Airapetyants, S.V., and others.
 AU SUJET DE L'AUGMENTATION DE L'EFFICACITÉ
 DES THERMOCOUPLES DE SEMI CONDUCTEURS
 (On Increasing the Efficiency of Semiconductor Thermo-
 couples). 4p. 1ref. CNRS-X 404.
 Order from OTS, ETC or CNRS \$0.80 TT-62-28078

Trans. in French of Akademiya Nauk SSSR Doklady,
 1956, v.106, no.6, p.981.
 A trans. is available in English from SLA as RT-4006, 2p.

DESCRIPTORS: *Semiconductors, *Thermocouples,
 *Crystal structure, Chemical elements.

TRANS in English: Amer Met Soc

HB 4075 DDC X-32
 SLA R 452 Sci Mus Lib 54/2074
 SLA RT 4006 Div Sci Info Serv, DRE T 214R
 AIP
 Sov Phys-Jek
 Vol I, No 1
 (Physics--Solid State, TT, v. 11, no. 6)

- I. Ioffe, A.F.
- II. Airapetyants, S.V.
- III. CNRS-X 404
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
 European Translations Centre

The Radiation of an Electron Moving Uniformly in an
Electron Plasma Situated in a Magnetic Field, by
A. A. Kolomenskiy, 3 pp.

RUSSIAN, thrice mo, per, Dok Acad Nauk SSSR, Vol ~~6~~
No 6, 1955, pp 982-985.

D.S.I. T-201
Z-286

ATIC-F-TS-9630/TTT

SLA R-1645

R-1990

R-2472
AMER INST OF PHYSICS

SOV PHYS DOCTORS

VOL I, No 1

A Microtron With Weak Phasing, by E. M. Moroz,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 6, pp 986-~~987~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Chemical Isolation and Analysis of Metallic Compounds
Formed in Certain Nickel Alloys, by R. B. Golubtsova
and L. A. Mashkovich, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVI,
No 6, pp 1011-1014.

MS6)
Sci - Chemistry
Dec 56 CTS

CTS 63-14665 Consultants Bureau

41,512

RUSSIAN TO GERMAN Tr
VDEH B7.30

Sci Trans 56/3977

Synthesis of 1,4-Endomethylenespiro (5,5) Undecane,
by N. V. KINGS Flagina, V. M. Drusnikina and B. A.
Kazansky, 4 pp.

Full tr

RUSSIAN, thrice-no par, Dok Ak Nauk SSSR, Vol CVI,
No 6, 1956, p 1015.

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Sci - Chemistry .
Dec 56 CTD

44,513

The Mechanism of the γ Formation of Austenite
During Fast Heating, by I. N. Kidin, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVI,
No 6, 1956, p 1019.

(Consultants Bureau

44, 514

Sci - Chemistry
Doc 56 CTS

The Mobility of Sulfur in the Methyl Ester
of Diethyldithiocarbamic Acid and in Nickel
Ethyl Xanthate, by I. I. Kulshenko, L. E.
Burkner and G. P. Miklukhin. 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVI, No 6, 1956, p 1023.

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41, 515

Isomeric Transformation of Alkenes over
Aluminosilicates and Their Demethylation in
the Presence of Benzene, by Yu. G. Mametkhaliev,
A. V. Topchikov, G. M. Mametkhaliev, and G. N.
Suleimanov, 3 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVI,
No 6, 1956, p 1027.

41,505

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Consultants Bureau

Sci - Chemistry
Dec 56 CTR

The Mechanism of Catalytic Polymerization of
Unsaturated Compounds, by A. R. Gantmakher, S. S.
Medvedev.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. CVI, 1956,
pp 1031-1034.

Assoc Tech Sv
\$5.25 Tr RJ-815

Sci - Chemistry
Aug 57

51,744

Efimov, E.A. and Izgaryshev, N.A.
SUR LE MECANISME D'ELECTRO-OXYDATION DE
L'ACIDE SULFURIQUE EN ACIDE PERSULFURIQUE
(Kinetic Study of the Sulfuric Acid Electrolytic Oxidation). 7p. 6refs. CNRS-VIII bis 731.
Order from OTS, ETC or CNRS \$0.90 TT-62-26376

Trans. in French of Akademiya Nauk SSSR, Doklady, 1956, v.106, no.6, p.1039-1041.

DESCRIPTORS: *Sulfuric acid, Kinetic theory, *Oxidation, Electrochemistry.

(Chemistry--Physical, TT, v. 11, no. 6)

TT-62-26376

- I. Efimov, E.A.
- II. Izgaryshev, N.A.
- III. CNRS-VIII bis 731
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

The Acid-Base Mechanism of Adsorption on Silica Gel, by
A. V. Kiselev, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, ^{No 6.} 1956, pp
1046-1049.

SLA 58-80

Sci

Aug 59

93,575

The Determination of the Nickel-
Electrode Capacity From the Drop in
Potential After Turning Off the
Polarizing Current, by V. E. Past,
Z. A. Iofa.
RUSSIAN, per, Doklady Akademii Nauk
SSSR, Vol 106, No 6, 1956, pp 1050-1052.
NASA TT F-11,672

Sci/Phys
Oct 68

369,104

Intake and Distribution of Tracer Phosphorous by
the Opium Poppy When Given Supplementary Food
Other Than Through the ~~RMX~~ Roots, by V. V.
Koperzhinsky, V. V. Sheberstou, 6 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CVI, No 6, 1956, p 1061.

Consultants Bureau

41, 653

Sci - Biology
Dec 56 CTS

The Chemical Mechanism of the Oxidation of Propane
in the Gas Phase, by V. M. Byr'ko, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, No 6,
1956, pp 1093-1095.

ATS RJ-1190

Sci - Chem
Apr 60

114,541

SAMSONOV, G. V.

R-1994. Some physicochemical properties of compounds of the transitional refractory metals with boron, carbon, and nitrogen, and the characteristics of their binary alloys. Doklady Akad. Nauk SSSR, 27, p.9-125, 1956. (40p.) (AEC-tr-3016)

(NY-5591)

Self-Similar Problem of the Development of a
Shock Wave From a Compression Wave, by A. S.
Kompaneys, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVII,
No 1, Mar 1956, pp 29-32.

JPRS 7587

Sci - Physics

Apr 61

146,661

On the True Shape of X-Ray Spectra, by M. A. Blokhin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 1, pp 33-~~34~~

Amer Inst of Phys^S
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

Aug 57

On the Indirect Exchange Interaction, by S. V.
Vonssovskiy, Yu. M. Seiydov, 3 pp.

RUSSIAN, ²Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 1, pp 37-~~48~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

Aug 57

On the Impossibility of Explaining the Stability of
Hyperons by Their Large Spins, K. I. Gurevich, 2 pp.

RUSSIAN, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 1, pp 41-42

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

Aug 57

The Interaction of 300 MEV π^- -Mesons With Protons,
Deuterons, and Nuclei in Nuclear Emulsions, by
L. S. Dulkova, T. A. Romanova, I. B. Sokolova,
L. V. Sukhov, D. K. Tolstoy, M. G. Shafronova,
4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSR, Vol
CVII, 1956, pp 43-46.

Sci - Nuclear Physics

Jul 1956

AEC Tr 2492

Amer J of Physics
Soviet Physics 36, 583

36, 583

Vol I, No 2
Pr 5, 80

Axially Symmetric Electron Beams of a Given Shape,
by V. T. Ovcharov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 1, pp 47-~~52~~.

34A 62-32639
Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

SI-D-15-682

Aug 57

Unusual V^0 -Decay, by E. Friedlander, S. Bercea,
3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CVIX, 1956, pp 51-53.

AEC Tr 2491

Sci - Physics

Jul 1956

Abstract of Physics
Series Physics - Berkeley
36,382
Vol 2, 1956

... conditions ...
... paying in a slightly unpropitious atmosphere ...
... by W. J. ...

... twice per, ...
... 1956. CIA V 7013

... 2-21

58, 483

...

... ..

Thresholds of Color Discrimination in Macrodetails
of Color Photography Images in Terms of Dye Concentra-
tion Values, by Yu. N. Gorokhovskiy, K. B. Popova,
9 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVII,
No 1, 1956, pp 63-66.

Sci - Physics
Nov 57

SLAR-928
Sci Mus Lib Tr 57/1785
(CIA/X-2632)

FDD
55, 108

Bond Energies and Heterogeneous Catalysts, by A. A.
Balandin, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVII,
No 1, p 85- 88

11/11/1957
Consultants Bureau

Sci - Chemistry
Doc 56 CTR

44,532

61-17632

Thermal Chlorination of Propane, by B. A. Krentsel,
Academician A. V. Topchayev, and D. E. Ilyina, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVII,
No 1, p 89.

Consultants Bureau

Sci - Chemistry
Dec 56 OTB

41,533

The Rule of Auwers-Skita and the Properties of
Stereoisomeric 1,4-Diisopropylcyclohexanes, by A. L.
Liberman, T. V. Lapshina, and B. A. Kazansky, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVII,
No 1, p 93.

Consultants Bureau

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Sci - Chemistry
Dec 56 CTS

Experimental Study of Equilibrium Conditions Involving the Reaction of Zinc Oxide with Zinc Sulfide, by A. I. Olmanev, and L. A. Popovkina, 2 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVII, No 1, p 97.

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41,535

The Direct Synthesis of Alkyl- and Alkenylchlorosilanes from 1,1-Dichloro-ethane and 2,2-Dichloropropane, by A. D. Petrov, S. I. Sadykhzade, and I. I. Tsatlin, 4 pp.

Full tr

RUSSIAN, THREE MO PER, Dok Ak Nauk SSSR, Vol CVII, No 1, p 99.

Consultants Bureau

41,528

Sci - Chemistry
Dec 56 CTS

A New Method of Synthesis of Polyanic Ketones with
Conjugated Double Bonds, by G. I. Samokhvalov, M.
A. Miropolskaya, and N. A. Preobrazhensky, 2 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVII,
No 1, p 103.

Consultants Bureau

41,529

Sci - Chemistry
Dec 56 CTE

62-16677

Venstrem, E. K., Likhman, V. I., and Rebinder,
P. A.

ELECTROCAPILLARY EFFECT OF HARDNESS
REDUCTION AND OF EXTERNAL FRICTION OF
METALS. [1962] 7p. 19 refs.

Order from OTS or SLA \$1.10

62-16677

Trans. of Akademiya Nauk SSSR, Doklady, 1956, v. 107,
p. 105-107.

DESCRIPTORS: *Metals, Friction, Hardness, Reduction,
*Mechanical properties, Electrolytes, Electric poten-
tial, Electrical double layer, *Electrochemistry.

Values of potentials of the neutral charge on hard metals
(in relation to the standard weight of electrolyte) are
tabulated.

(Metallurgy, TT, v. 9, no. 4)

(over)

Office of Technical Services

RUSSIA to FRENCH
OTS TT-62-28578

New Method of Demonstration of the Physical and
Chemical Adsorption on Oxide Semiconductor
Catalysts, by S. Yu. Elovich, L. Ya. Kargolis,
4 pp. USSR

RUSSIAN, per, Dok Ak Nauk SSSR (fiz khim),
Vol CVII, 1956, pp 112-114. CIA 9039026

ACRIL 1033

Sci - Chem
Jun 59

88, 442

Distribution of Elements in Paleozoic Clays of the
Volga-Ural Region, by S. M. Natchenkov, 6 pp.

Full tr

1956, RUSSIAN, thrice-no per, Dok Ak Nauk SSR, Vol CVII,
No 1, p 115.

Consultants Bureau

Sci - Geophysics
Dec 56 CTS

44,508

Thermal Analysis as a Method for the Determination
of the Degree of Kaolinization of Spodumene, by
S. G. Tumanov, G. N. Maslennikova, 4 pp.

Full tr

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVII,
No 1, p 119.

1956

Consultants Bureau

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Sci - Chemistry
Dec 56 CTS

Investigation of the Nature of Oxide-Type Flaws in
HEX Drop Forgings from Aluminum Alloys, I. N.
Fridlyander, 4 pp.

Full tr

RUSSIAN, ~~HEX~~ thrice-no per, Dok Ak Nauk SSR, Vol CVII
No 1, p 122-124,
1956

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41,660
Do not communicate with
(1240)

Vibration of Thin-Walled Elastic Bodies in a Gas
Flow, by G. I. Kopzon, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CVII,
No 2, 1956, pp 217-220.

Morris D. Friedman

\$3.00

K-137

Sci - Physics

38,249

OTS 62-11373

Hypersonic Gas Flow Around a Body, by G. G.
Chernyi, 6 pp.

RUSSIAN, thrice-no per, Dok Ak. Nauk SSSR, Vol CVII,
No 2, 1956, pp 221-224.

Morris D. Friedman-1-106
\$3.00

Sci - Physics

38,247

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Instrumental Distortion of X-Ray Spectra, by M. A.
Blokhin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No ~~1~~, pp 229-~~232~~
2

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

Aug 57

Primary Ionization by Fast Muons, by G. P. Eliseyev,
V. A. Lyubimov , A. M. Frolov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 2, pp 233-~~235~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 2

Sci - Phys

Aug 57

Diffusion Chamber Study of Negative Pion Scattering
in Hydrogen, by M. Kozodayev, R. Suliyev, A. Filippov,
Yu. Shcherbakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol. CVII,
No 2, pp 236-~~239~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol. I, No 2
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Sci - Phys

Aug 57

The Application of Fermi's Equation to the Polarization of Scattered Fast Nucleons, by I. I. Levintov,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 2, pp 240-

Amer Inst of Phys
Sov Phys "Doklady
Vol I, No 2

Sci - Phys

Aug 57

Approximate Solution of the Problem of the Unsteady
Motion of a Viscous-Plastic Fluid in a Circular
Cylindrical Tube, by A. Kh. Mirzadzhazade, A. A.
Abbasov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVII,
1956, pp 249-251.

ACSIL Tr 954

Sci - Physics
Apr 58

60,968

Synthesis in the Field of C—O-Derivatives of Carbo-
hydrates, by Yu. A. Zhdanov, L. I. Shcherbakova, and
R. V. Golovaya, 4 pp.

Full tr

RUSSIAN, ~~ENK~~ three-no par, Dok Ak Nauk SSSR, Vol
OVII, No 2, p 259.

Consultants Bureau

41,530

Sci - Chemistry
Doc 56 CTS

Synthesis of Alkylferrocenes, by A. N. Mezmayanov,
and N. A. Volkenau, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok, Ak Nauk SSSR, Vol CVII,
No 2, p 262.

Consultants Bureau

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Sci - Chemistry
Dec 56 CTS

Synthesis of Alkylferrocenes, by A. N. Nesmeyanov,
N. A. Vol'kenau, 6 pp.

Full tr

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVII, No 2,
1956, pp 262-264.

ATIC F-TS-10052/III

Sci - ~~11-5112~~
Dec 1956 XX CTS/dex

Chemistry 41, 867

Alkylation of Chlorobenzene with Isopropyl Chloride in
the Presence of $\text{AlCl}_3 \cdot \text{H}_2\text{SO}_4$ Complex, by A. V. Topchiev,

B. A. Krentsel and L. N. Andreev, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVII,
No 2, p 265.

Rec'd Tech R 2482 (5.60)
Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41,524

The Chemical Nature of the Toxin Secreted by a
Malignant Tumor, by A. M. Kuzin, I. A. Chudinova,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVII, 1956,
pp 289, 290.

AEC Tr 3183

Sci - Med

May 58

62,653

Continuous Mass Transfer in Bubbles
BSE Column, by A. M. Rozon, 6 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSR, Vol
CVII, No 2, p 295.
1956

Consultants Bureau

Sci - Chemistry
Doc 56 CT3

41,661

Zhebrak, A. R.
THE INFLUENCE OF GRAFTING ON SEED PROGENY AND ON THE SEGREGATION OF HYBRIDS IN THE SECOND GENERATION (Vliyaniye Privivki na Semennoe Potomstvo i na Rasshcheplenie Gibridov Vtorom Pokolenii). 1961, 4p. 4 refs. PL-480 Agr. Order from OTS \$0.50 60-51030

Trans. of Akademiya Nauk SSSR, Doklady 1956, v. 107, no. 2, p. 325-327.

DESCRIPTORS: Reproduction, *Seeds, *Genetics, Nuclei (Biology), Tissues (Biology), Pollen

A thorough study was made of the seed generation from graft combinations of pure strains of pea, and of their hybrids. The grafting of constant (homozygous) lines had no influence whatsoever on hereditary characters; The degree of dominance or of recessiveness (Biological Sciences--Botany, TT, v. 7, no. 4) (over)

60-51030

- I. Zhebrak, A. R.
- II. PL-480 Agr (60-51030)
- III. National Science Foundation, Washington, D. C.

Office of Technical Services

Reversible Action of Light on Its Transmission
by Leaves, by L. N. Bell, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVII,
1956, pp 329-332.

SLA R-1344

May 58

64,603

The Vertex Part at High Energies, by V. Z. Blank,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 3, pp 389-~~391~~

Amer Inst of Phys
Sov Phys "Doklady
Vol I, No 2

Sci - Phys

Aug 57

The Temperature Dependence of the Elastic Constants
of Quartz, by V. G. Zubov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,
No 3, pp 392-398.

Amer Inst of Phys
Sov Phys "Doklady
Vol I, No 2

Sci - Phys

Aug 57

Vibrations of a Shallow Wing-Shell in a Gas Flow, by
G. I. ~~KHILIK~~ Kopzon, 6 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol. CVII, No 3, 1956,
pp 377-380.

Morris D. Friedman
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